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**List of the SPHINGIDAE, AEGERIIDAE, ZYGAENIDAE and BOMBYCIDAE  
of Cuba.**

BY AUG. R. GROTE.

Since the publication, in 1867, of the Cuban moths belonging to these Families, a few fresh species have been added to the number and are included in the following List. Comparisons have also been instituted between these insects and those belonging to the same Families from Jamaica, contained in the British Museum and described by Mr. Francis Walker. In this way a few specific synonyms have been detected and some generic changes found necessary.

I still exclude, as belonging to the Noctuidae, a species of *Nystalea*, *Guenée*, and a Crino, *Hübner*, bearing the Nos. 307 and 231 of Prof. Poey's Collection. This latter may be called Crino dissimilis; I have examined specimens in the Berlin Museum and have four before me. It is of a pale ferruginous color, more reddish than *C. besckei*, *Hübner*, which it otherwise closely resembles. The fore wings are without prominent markings except an arcuate pale line arising from the base at internal margin and extending upwardly to the disc. A similar pale line is apparent along internal margin at base. Between these lines lies the darkest portion of the wing. Transverse angulated shades cross the wing terminally. The secondaries are paler than in *C. besckei*, while in size the species are similar. Although this may ultimately be found specifically identical with its Brazilian ally, I record it under another name since I perceive points of difference and with a different habitat we may expect a representative species.

I exclude *Sesia thysbe* from the present List, as, from recent discoveries in the United States, I am led to believe that if a species of this genus really occurs in Cuba, it will be found to be distinct from the common one of our Middle States. Possibly *S. floridensis* may occur in Cuba; but more likely an autochthonous species will be discovered.

## LIST.

## SPHINGIDAE.

## MACROGLOSSINI.

**Aellopos** Hübner.**tantalus** Hübner.*Sphinx tant.* Linn.*Sphinx zonata* Drury.**titan** Hübner.*Sphinx tit.* Cramer.*Macrogl. balteatum* Kirtland.*Macrogl. annulosum* Swainson.**blainii** n. sp. (1)**Eupyrrhoglossum** Grote.**sagra** Grote.*MacroGLOSSUM sagra* Poey.**Enyo** Hübner.**lugubris** Walk.*Sphinx lug.* Linn.*Sphinx fegeus* Cramer.**camertus** Hübner.*Sphinx cam.* Cramer.**danum** Hübner.*Sphinx dan.* Cramer.**Hemeroplanes** Hübner.**pseudothyreus** Grote.**Perigonia** Boisdu.**lusca** Walker.*Sphinx lusc.* Fabr.**lefebvreii** Grote.*MacroGLOSSA lefeb.* Lucas.**divisa** Grote.**Calliomma** Walker.**lycaustus** Walk.*Sphinx lycast.* Cram.? *Sphinx galianna* Burm.

## CHOEROCAMPINI.

**Pergesa** Walker.**thorates** Walker.*Oreus thor.* Hübner.**Choerocampa** Duponchel.**gundlachii** H-S.**irrorata** Grote.**porcus** H-S.*Oreus porcus* Hübner.**chiron** Walk. (2)*Sphinx chiron* Drury.**a. nechus** Walk.*Sphinx nechus* Cram.‡ *Metopsilus* Duncan.**robinsonii** Grote.*Choeroc. falco* ‡ H-S.**tersa** Harris.*Sphinx tersa* Linn.**Deilephila** Ochs.**calverleyi** Grote.**lineata** Harris.*Sphinx lin.* Fabr. (Syst. Ent. 1775.)*Sphinx daucus* Cram.**Philampelus** Harris.**vitis** Harris.*Sphinx vitis* Linn. Drury, Fabr., W.

1.—**AELLOPOS BLAINII**, n. sp., is smaller than its congeners and shows in its ornamentation a resemblance to the species of *Eupyrrhoglossum*.—Olivaceous blackish. Eyes margined with white above. Tegulae broadly lined within with white hair. Abdomen with a dorsal double row of black marks, the segments above lined with pale yellowish; the two penultimate segments largely yellowish at the sides; the preceding two are here black, the first of these with a few orange scales. Beneath with distinct lateral rows of segmentary white dots. Fore wings shaded with bright brownish basally, crossed by two transverse perpendicular bands, the inner whitish, the outer vitreous and reproduced beneath; and with an external sinuate vitreous band, broken superiorly into distinct spots and reproduced on the under surface. Hind wings black with a faint indication of a yellow median band; beneath paler, whitish at base and crossed by two dark median lines. Thorax beneath yellowish white. Exp. 40 mm. Gundlach's No. 1055.

2. The specimens received all belonged to the green form of this species, described by Cramer under the specific term *nechus*.

V., Cram. 267 C., Smith, Westw.,—Mer-  
ian, Plate 47 (upper fig.) fide Linn.

*Sphinx fasciatus* Sulzer.

*Dupo jussieuæ* Hübner.

*Phil. jussieuæ* Walk.

*Phil. fasciatus* Lucas.

*linnei* G. & R.

*Sphinx vitis* † Cram. (268 E.)

*Dupo vitis* † Hübner.

*Philamp. vitis* † Walk.

*Philamp. fasciatus* † Grote.

*satellititia* Walker, (3).

*Sphinx satellitia* Linn.

*Sphinx licaon* Cramer.

a. *posticatus* Grote.

*Phoebus licaon* Hübner.

*Philamp. licaon* Grote.

*labruscae* Walker.

*Sphinx labr.* Linn.

**Pachylia** Walker.

*ficus* Walk.

*Sphinx fic.* Linn.

*Choerocampus Crameri* Ménét.

*inornata* Clemens.

*Sphinx ficus* † Cram. 394 D.

*Choeroc. ficus* † Ménét.

*resumens* Walker.

**Ambulyx** Boisd.

*strigilis* (Linn.)

*Sphinx strig.* Linn.

*gannascus* (Stoll).

*Sphinx gann.* Stoll.

SPHINGINI.

**Diludia** G. & R.

*brontes* G. & R.

*Sphinx brontes* Drury.

(H-S., Grote, non Boisd.)

**Pseudosphinx** Burm.

*tetrio* Burn.

*Sphinx tetrio* Linn.

*Sphinx hasdrubal* Cram.

**Amphonyx** Poey.

*antæus* Poey.

*Sphinx ant.* Drury.

*Sph. jatrophae* Fabr.

*duponchel* Poey.

*eleuentius* Poey.

*Sphinx cluen.* Cramer.

**Macrosila** Walk. (emend.)

*rustica* Walk.

*Sphinx rustica* Fabr.

*Sphinx chionanthi* Smith.

*carolina* Clemens.

*Sphinx car.* Linn.

*afficta* Walk.

*Sphinx afflic.* Grote.

*cingulata* Clemens.

*Sphinx convolvuli* † Drury.

*Sphinx cingul.* Fabr.

*Sphinx convolvuli* † Smith.

*Sphinx druræi* Donovan.

**Sphinx** Linn. (emend.)

‡ *HYLOICUS* Hübner.

*poeyi.*

*Hyloicus poeyi* Grote.

**Isognathus** Felder.

*rimosus.*

*Erinnyis rim.* Grote.

*congratulating.*

*Erinnyis congrat.* Grote,

**Dilophonota** Burm.

‡

*caicus* Burm.

*Sphinx caicus* Cramer.

‡

*ello* Burm.

*Sphinx ello* Linn.

*alope* Burm.

*Sphinx alope* Drury.

*merianæ* G. & R.

*Erinnyis mer.* Grote.

*oenotrus* Burm.

*Sphinx oenot.* Cramer.

*melancholica* G. & R.

*Erinnyis mel.* Grote.

*cinerosa* G. & R.

*Erinnyis ciner.* Grote.

*pallida* G. & R.

*Erinnyis pall.* Grote.

*guttularis* G. & R.

*Anceryx gutt.* Walk.

3. This species is distinct from our United States *Phil. pandorus* (*Phil. satellitia*, † Harris, Clem. et m.). I have as yet seen only specimens with the pink patch on the internal margin of secondaries—my var. *posticatus*—from Cal. a.

**Cautethia** Grote.  
*noctuiiformis* Grote.

*Oenosanda noct.*, Walk.

## AEGERIIDAE.

**Aegeria** Fabr.  
*cubana* Grote.

*Sesia cubana* H-S.

## ZYGAENIDAE.

### CASTNIINAE.

#### CASTNIINI.

**Seirocastnia** Grote.  
*tribuna* Grote.

*Ephialtias trib.* Hübner.

#### EUDRIINI.

**Euscirrhopterus** Grote.  
*poeyi* Grote.

*Heterandra disparilis* H-S.

### ZYGAENINAE.

**Horama** Hübner.  
*diffissa* Grote.

*Horamia pretellus* H-S.

**Callicarus** Grote.  
*pennipes* Grote.

*Horamia plumosa* H-S.

**Formiculus** Grote.  
*pygmaeus* Grote.

**Setiodes** H-S.  
*nana* H-S.—  
an. spec. praec.?

**Burtia** Grote.  
*rubella* Grote.

*Gundlachia cruenta* H-S.

**Eunomia** Hübner.  
*insularis* Grote.

*Glaucopis elegantula* H-S.

**nitidula** Grote.  
*Glaucopis nitid.* H-S.

**Cosmosoma** Hübner.  
*omphale* Hübner.

*selecta* Grote.  
*Glaucopis selecta* H-S.

**Trichaea** H-S.  
*pilicornis* H-S.—  
*seticornis* H-S.—

**Isanthrene** Hübner.  
*chalciope* Hübner.

**Hippola** Walk.  
*syntomoides* Walk. (?)

*Glaucopis synt.* Boisd.  
*minima* Grote.

**Empyreuma** Hübner.  
*pugione* Hübner.

*Sphynx pugione* Linn.

*Sphinx lichas* † Cram. nec. Fabr.

**Lymire** Walker.  
*melanocephala* Walk.

*Echeta albipennis* H-S.

*subochrea*.  
*Correbia subochr.* H-S.

**Calonotos** Hübner.  
*thetis* Hübner.

*Sphinx thetis* Linn.

*Sphinx leneus* Cram.

**Aclytia** Hübner.  
*heber* Hübner.

♂ *Sphinx heber* Cram.

♀ *Sphinx halys* Cram.

**Uranophora** Hübner.  
*chalybea* Hübner.

*Apostasia? terminalis* Walk.

**Ctenuchidia** Grote.  
*virgo* Grote.

*Ctenucha virgo* H-S.

**Composia** Hübner.  
*fidelissima* H-S.

**Sphaeromachia** Grote.  
*cubana* Grote.

*Pericopis cubana* H-S.

**Agyrta** Hübner.  
*auxo* Hübner.—

*Sphinx auxo* Linn.

**Melanchroia** Hübner.  
*regnatrrix* G. & R.

*cephise* Hübner. (4.)

*Phalaena chephise* Cramer.

var. *Mel. fumosa* Grote.

*Mel cephise* Hubner Samml.

**geometroides** Walker.

*Glaucopis mors* Lucas.

**Apistosia** Hübner.

**humeralis** Grote.

*Apist. judas* † H-S. nec. Hübn.

**Cydosia** Westwood.

**nobilitella** Westw.

*Tinea nob.* Cram.

DESIDERATA. (5)

**Glaucopis eximia** H-S.—

**Charidea bicolor** H-S.—

**Charidea cimicoides** H-S.—

## BOMBYCIDAE.

### LITHOSIINAE.

**Torycus** H-S.

**tricolor** H-S.

**Clemensia** Packard.

**albatula.**

*Micra ? albatula* H-S.

**Cytorus** Grote.

**latus** Grote.

**Crocota** Hübner.

**heros** Grote.

**disparilis** Grote.

**pallicornis** Grote.

**Utetheisa** Hübner.

**ornatrix** Hübner.

*Noctua ornat.* Linn.

*a. bella.*

*Tinea bella* Linn.

*β. speciosa.*

*Deiopeia spec.* Walk.

*γ. ornatrix.*

*Noctua ornatrix* Linn.

## ARCTIINAE.

**Erithales** Poey.

**guacolda** Poey.

**proxima** Grote.

var. *praec.* ?

**Spilosoma** Stephens.

**jussiaeeae** Walk.

*Arctia juss.* Poey.

**Epantheria** Hübner.

**albicornis** Grote.

**cyaneicornis** Grote.

**Ammalo** Walker.

**impunctus** Grote.

**Ameles** Walker.

**gortynoides** G. & R.

*Carathis gortyn.* Grote.

**Eupseudosoma** Grote.

**niveum** Grote.

? *Charidea ? nivea* H-S.

**Nelphe** H-S.

**confinis** H-S.

**coccinipes** n. s. (6)

**Robinsonia** Grote.

**formula** Grote.

**Euhalisidota** Grote.

**luxa** Grote.

**fasciata** Grote.

**scripta** Grote.

**alternata** Grote.

blue black. These are Hübner's *Mel. Cephise* and my *Mel. fumosa*. I am now of opinion that they do not constitute a distinct species.

5. Species that I am autoptically unacquainted with, and which are briefly described under generic names used in too wide a sense to allow me to judge of the classificatory position of the insects.

6. **NELPHE COCCINIPES**, n. sp.—Smoky black, wings sub-hyaline. Legs inwardly red or crimson. Body plump; antennæ (♀) long, finely serrate to the tip. Head sunken; labial palpi short and improminent. Primaries subhyaline, smoky black, transversely broadly hyaline before the middle and again more narrowly superiorly beyond the disc. Nervular interspaces with longitudinal streaks of smoky black scales. Medially, about the cross vein, the wing is more closely scaled and darker. Secondaries subhyaline at base with diffuse blackish borders. Exp. 38 mm. Gundlach's No. 651.

**Halisidota** Hübner.*cinctipes* Grote.*Hal. tessellaris*† Walk. p.*strigosa* Walk.*Hal. cubensis* Grote.**Pareuchaetes** Grote.(7)*cadaverosa* Grote.*affinis* Grote.

## DASYCHIRINAE.

**Euproctis** Hübner.*argentiflua* Hübner.*pygmaea* Grote.*fumosa* Grote.**Phryne** Grote.*immaculata* Grote.

## PSYCHIINAE.

**Thyridopteryx** Stephens.*thoracica* Grote.*Hymenopsyche thor.* Grote.**Olketicus** Guiding.*poeyi* Lucas.**Psychonoctua** Grote.*personalis* Grote.**Perophora** Harris.*packardii* Grote.

## PTILODONTINAE.

**Edema** Walk.*insularis* Grote.**Heterocampa** Doubleday.*cubana* Grote.

## HEPIALINAE.

## COSSINI.

**Xyleutes** Hübner.*piger* Grote.

7. *Halesidota insulata*, Walk., belongs to *Pareuchaetes*, and may be the same as the Cuban species. The species belonging to this genus are near allied and difficult to define.